

Work Order ID 140306

140306

Page 1

Monday, December 21, 2015 10:48:40 AM

Item ID: D206-642-311BL

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Skidtube LH (Ael Blue)

Stop

NS2

Start Date: 12/21/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/21/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MCS

Date: DEC 21 2015 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D206-642	Q								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D206-642-311 CHG008								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MCS 16-01-29

DAS 28 9-89 FEB 01 2016

DAS 28 9-89

JAN 22 2016

DAS 28 9-89

FEB 01 2016

B140305

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								

Work Order ID 140306

Monday, December 21, 2015 10:48:41 AM

140306

Page 2

Item ID: D206-642-311BL

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/21/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D206-642-311

Location: _____

PPP Rev: _____

fg 083

DAS 27 9-89
DAS 28 9-89

FEB 01 2016

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MCS FEB 01 2016

FEB 01 2016

MCS

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Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY					
Environment ☐		No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐		Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐		Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
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Substation ☐		Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐		Manufacturing Process ☐	OTHER : ☐					
Misidentified ☐		Past Due ☐						

Monday, December 21, 2015 10:48:46 AM

Page 1

140306

***D206-642-311BI ***

Start Date: 12/21/2015**Required Date:** 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:J05.10.11Added D3429-1 per CHG004KJ/CP/JLM/EC
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec
IPP Rev:L 08-09-29 as per DS19421 DD verified by:EC IPP Rev:M
as per REV.N DD 10.04.19 verified by:EC IPP Rev:N 14.04.25
ECN14-520 DD verf:JLM IPP REV:O 15.10.09 ADDED
BL DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D206-642-341BL		Manufactured	No				Each	0.0000		1			
*D206-642-341RI *									**				
Replacement Skidtube (Fits LH or RH)													
D206-648-013BL		Manufactured	No				Each	0.0000		1			
*D206-648-013RI *									**				
Ground Handling Wheel Modification													
D2932-1BL		Manufactured	No			110	Each	3.0000	1	1			
*D2932-1RI *									**				
Saddle LH Out, 206													
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST392		3							
				138656		3							
D2933-1BL		Manufactured	No			110	Each	0.0000	1	1			
*D2933-1RI *									**				
Saddle LH In, 206													
D2938-1BL		Manufactured	No			110	Each	0.0000	1	1			
*D2938-1RI *									**				
Saddle LH Out, 206													

JAN 22 2016

DQA: _____ Date: _____



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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Monday, December 21, 2015 10:48:46 AM

Page 2

Work Order ID: 140306

140306

Parent Item: D206-642-311BL

***D206-642-311RI ***

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

D2939-1BL

Manufactured No

110

Each

4.0000

1

1

***D2939-1RI ***

Saddle LH In, 206

**

DAS 8 27 9-89

Location

Loc Qty

Loc Code

ST391

4

138653

4

AN3-41A

Purchased

No

110

Each

482.0000

8

8

AN3-41A

Bolt

**

DAS 6 27 9-89

Location

Loc Qty

Loc Code

FG

20

122416

20

OVER002

462

123355

462

D2652

Manufactured

No

110

Each

429.0000

16

16

D2652

Bushing

**

136792

DAS 6 27 9-89

Location

Loc Qty

Loc Code

FG

45

31985

45

ST009

384

136228

384

JAN 22 2016

Monday, December 21, 2015 10:48:46 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																																																																																														
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Page 3

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Parent Item: D206-642-311BL

D206-642-311BL

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

110

Each

1,747.000

8

8

MS21042L3

**

Nut

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

185

m133790

185

GA

232

m133790

232

ST304

1330

m133790

1330

DAS 27
6 9-89

NAS1149D0363J

Purchased

No

110

Each

900.0000

8

8

NAS1149D0363J

**

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

129

m130799

129

ST263

771

m133709

271

m133790

500

DAS 27
6 9-89

AN5-10A

Purchased

No

110

Each

270.0000

4

4

AN5-10A

**

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

51

122800

51

over003

150

m133323

50

m133483

100

ST338

69

m133077

19

m133769

50

JAN 22 2016

DAS 27
6 9-89

Monday, December 21, 2015 10:48:47 AM

Shop Packet Print

Page 3

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Monday, December 21, 2015 10:48:47 AM

Page 4

Work Order ID: 140306

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Parent Item: D206-642-311BL

*D206-642-311RI *

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

AN5-11A

Purchased

No

110

Each

70.0000

4

4

AN5-11A

BOLT

**

DAS
27
9-89
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST299A

1

M126105

1

ST338

69

M132551

2

~~M133077~~

17

M133234

50

4

NAS1149D0563J

Purchased

No

110

Each

1,211.000

8

8

NAS1149D0563.I

Washer

**

DAS
27
9-89
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

53

m125807

53

ST260a

520

m130799

55

m132035

55

m132256

10

m133769

400

ST263

463

m133134

129

m133363

334

ST269

156

m128257

156

ST271

19

m131026

19

8

JAN 22 2016

Monday, December 21, 2015 10:48:47 AM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐								
Misidentified	☐	Past Due	☐	OTHER :							

Picklist Print

Monday, December 21, 2015 10:48:47 AM

Page 5

Work Order ID: 140306

140306

Parent Item: D206-642-311BL

*D206-642-311RI *

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

AN4-6A Purchased No

110 Each 1,234.000 12 12

AN4-6A

BOLT

**

DAS 27
6 27
9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CA	143	
M128403	43	
M130851	100	
over03	1000	
M133790	1000	
ST345	91	
M128403	8	
M133316	18	
M133363	65	

NAS1149D0463J Purchased No

110 Each 2,758.000 25 25

NAS1149D0463.I

WASHER

**

12
25
133932

Location

Loc Qty

Loc Code

GA	432	
M129390	41	
M132035	391	
ST263	902	
M133284	32	
M133316	870	
ST269	1424	
M129682	39	
M130799	361	
M132317	101	
M132677	888	
M133077	35	

DAS
28
9-89

DAS 27
6 27
9-89 9-89

JAN 22 2016

Monday, December 21, 2015 10:48:47 AM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																																																				
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OTHER : ☐																																																																							

Picklist Print

Monday, December 21, 2015 10:48:47 AM

Work Order ID: 140306

140306

Parent Item: D206-642-311BL

*D206-642-311BL *

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

3,271.000

12

12

DAS
6
9-89

MS21042L4

Locknut

JAN 22 2016

Location

Loc Qty

Loc Code

FP001

137

m133363

137

GA

41

m127813

41

ST260a

92

m130799

56

m132262

36

ST303

2868

m133769

2868

ST305

133

m128300

8

m130388

4

m130922

97

m132123

24

DAS
28
9-89

12

D3407-043

Manufactured

No

110

Each

0.0000

1

1

**

135680

D3407-043

Tow Ring

BLUE

DAS
6
9-89

DAS
27
9-89

JAN 19 2016

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Monday, December 21, 2015 10:48:47 AM

Page 7

Work Order ID: 140306

140306

Parent Item: D206-642-311BL

***D206-642-311RI ***

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

D3456-1

Manufactured No

110 Each

94.0000

1

1

D3456-1

Washer

**

135949

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FG

7

25701

7

ST038

12

135949

12

ST038A

75

136922

50

138961

25

D3457-1

Manufactured No

110 Each

70.0000

2

2

D3457-1

Washer

**

136648

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FG

10

32409

10

ST037

10

107195

2

127393

8

ST038

6

136442

6

ST038A

44

138904

44

JAN 22 2016

Monday, December 21, 2015 10:48:47 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Picklist Print

Monday, December 21, 2015 10:48:47 AM

Work Order ID: 140306

140306

Parent Item: D206-642-311BL

D206-642-311BL

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased

No

110

Each

1,363.000

1

1

MS21043-4

Nut

**

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK007

800

m133769

800

FG

40

104603

40

GA

31

m128798

31

ST302

492

m132803

300

m133316

192

DAS
28
9-89

AN4C5A

Purchased

No

110

Each

32.0000

1

1

AN4C5A

Bolt

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST345

32

m132857

12

m133135

20

DAS
28
9-89

NAS1149C0463R

Purchased

No

110

Each

247.0000

1

1

NAS1149C0463R

Washer

**

Location

Loc Qty

Loc Code

FP001

72

m127306

72

ST271

175

m128401

75

m133077

100

DAS
28
9-89

DAS
6
9-89

JAN 22 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
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		☐ OTHER : _____							

Picklist Print

Monday, December 21, 2015 10:48:47 AM

Work Order ID: 140306

140306

Parent Item: D206-642-311BL

*D206-642-311BL *

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

D3413-1 Manufactured No

110 Each 23.0000 1 1

D3413-1

**

139881

DAS
27
9-89

O-Ring

DAS
28
9-89

Location

Loc Qty

Loc Code

st530

23

106048

1

136462

22

DAS
6
9-89

BLUE

D2712

Manufactured No

110 Each 355.0000 10 10

D2712

**

Set Screw

Location

Loc Qty

Loc Code

FG

55

29962

55

ST009

300

102226

12

107365

12

135950

242

89929

10

93686

24

DAS
28
9-89

DAS
6
9-89

D2934

Manufactured No

110 Each 46.0000 2 2

D2934

**

Saddle Spacer

Location

Loc Qty

Loc Code

FG

6

31929

6

ST014

40

106671

2

136116

38

DAS
28
9-89

DAS
6
9-89

JAN 2 2 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
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		OTHER : ☐			

Picklist Print

Page 10

Monday, December 21, 2015 10:48:47 AM

Work Order ID: 140306

140306

Parent Item: D206-642-311BL

*D206-642-311BI *

Parent Item Name: Skidtube LH (Ael Blue)

Start Date: 12/21/2015

Required Date: 12/21/2015

Start Qty: 1.00

Required Qty: 1.00

D2935

Manufactured No

110

Each

34.0000

2

2

D2935

Saddle Spacer

**

DAS

6

9-69

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

6

31793

6

ST014

28

107682

2

136244

26

2

DAS
28
9-89

111 22 2016

Monday, December 21, 2015 10:48:47 AM

Shop Packet Print

Page 10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

4.5 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES

ITEM	QTY -311	QTY -312	QTY -313	QTY -314	QTY -341	QTY -357	QTY -349	QTY -351	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-311	SKIDTUBE INSTALLATION, LH
		X								D206-642-312	SKIDTUBE INSTALLATION, RH
			X							D206-642-313	SKIDTUBE INSTALLATION, LH
				X						D206-642-314	SKIDTUBE INSTALLATION, RH
	1	1			X					D206-642-341	SKIDTUBE
						X				D206-642-347	WEARSHOE KIT (REPLACES -347)
							X			D206-642-349	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-341	SKIDTUBE
	1	1	1	1					X	D206-643-013	GROUND HANDLING KIT
1					1					D2650-5	SKIDTUBE ASSEMBLY
1								1		D4361-041	SKIDTUBE ASSEMBLY
2A					14			4		D2651-1	* PLUG ⁽¹⁾
2B					14			4		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2648	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-36	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN980JD10L)
6	1		1							D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN980JD10)
13	4	4	4	4						AN5-10A (OR AN5-11A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN980JD516)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN980JD416)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D4958-11	WEARSHOE (REPLACES D3535-11 + D3536-11)
23A					1	1				D4956-23	WEARSHOE (REPLACES D3535-23 + D3536-23)
24A					1	1				D4956-35	WEARSHOE (REPLACES D3535-35 + D3536-35)
26A					54	54				MS27039C1-08	SCREW
26B					54	54				NAS1149C0332R	WASHER (OR AN980C10L)
26C					54					ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN980C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	GHW LUG (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN980C10)

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Revision: Q
Date: 13.08.12